## ARGUMENT

### I.    THE CITED PRIOR ART DOES NOT DISCLOSE, TEACH, OR SUGGEST ALL THE LIMIATIONS OF THE AMENDED CLAIMS

The Examiner rejected Claims 1-20 under 35 U.S.C. §103(a) as being unpatentable over U.S. Patent 6,786,863 to Abbasi (hereafter "the '863 Patent") in view of U.S. Patent 5,913,727 to Abdoot (hereafter "the '727 Patent") and U.S. Patent 5,583,478 to Renzi (hereafter "the '478 Patent"). The '863 Patent does not disclose, teach, or suggest any method for decoding data inputs into a particular address for activating an actuator to simulate touch.

The amended independent claims include as essential claim elements 1) an oscillating motor embedded in a garment, 2) designating the oscillating motor with a logic address, 3) an information packet including that logic address, 4) multiple modes of operation that comprise generating high order data and low order data, and 5) high-speed control interface. The '498 Patent discloses and uses an oscillating motor or group of oscillating motors, which will activate the specified oscillating motor or motors to support multiple modes of operation. *Application, p. 12-13, 77-80.* These multiple modes of operation depend on decoding binary data input into high order and low order values. Independent Claim 15 further claims the method for decoding binary data into high and low order bit values by using a 4x16-bit decoder wherein an at least 8-bit binary number generates at least 16 high order and 225 low order bit values.

The cited art does not suggest, teach, or disclose, alone or in combination 1) an oscillating motor, 2) designating the oscillating motor with a logic address, 3) an information packet including that logic address, 4) multiple modes of operation comprising generating high order data and low order data, or 5) a high-speed control

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interface. Nor does the cited art disclose, suggest, or teach using 4x16-bit decoders to decode data inputs into a high order set of data and low order set of data.

Compared to the cited art, the invention offers increased flexibility, permitting the single suit configuration to operate in multiple modes. The method of operation claimed by the invention generates two modes of sensory simulation on the same suit to support multiple applications depending on the address code embedded within the information packet, which does not require any other manipulation or reconfiguration of the suit or its structural or logic components. The specific embodiment described enables an 8-bit data input to activate up to 15 separate sectors and 15 individual motors in each sector for a total of 225 individually addressable motors. This promotes increased efficiency by permitting modes of operation that can be expanded to include additional decoders further deleting areas of coverage or number of individually addressable motors. This increase flexibility enhances functionality and usability and readily permits scalability to offer more refined sensory decoding if desired.
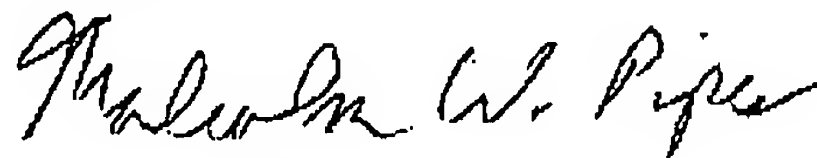
The prior art methods are not as flexible and offer no means for activating multiple actuators or single actuator to provide multiple modes of sensory simulation. There is no methodology taught whereby an 8-bit data element can activate up to 225 separate addressable motors or permit a multiple mode of operation using decoded high or low order bit values. Since the cited art fails to disclose, suggest, or teach essential claim elements, alone or in combination, and the invention offers superior operational use and flexibility, a §103(a) rejection cannot be sustained by the cited references.

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## II.    CONCLUSION

The Applicant respectfully requests reconsideration of the present application because the Examiner's 35 U.S.C. § 103(a) rejection is believed to have been traversed by the present Response.  Pending claims 1-20 are believed allowable because the claimed invention is not disclosed, taught, or suggested by the cited references.  The amended independent claims 1, 8, and 15 set forth limitation not disclosed, taught, or suggested by the cited art.  Since the dependent claims add further limitations to the allowable independent claims, the Applicants believe the dependent claims are likewise allowable.  Accordingly, the Examiner's 35 U.S.C. §103(a) rejection should be traversed and pending claims 1-20 allowed.

It is believed that no additional fees are necessary for this filing.  If additional fees are required for filing this response, then the appropriate fees should be deducted from D. Scott Hemingway's Deposit Account No. 501,270.

Respectfully submitted,

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